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(54) FIBER WITH EXCELLENT THERMIC RAY RADIATION

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain the subject fiber excellent in thermic ray absorbability, storability and reradiation character and also thermal insulation, therefore useful for e.g. coldproofing clothing and sportswear, by including inorganic fine particles containing a metal (ion) with thermal conductivity at a specified level or higher and thereby having thermic ray radiation character.

SOLUTION: This fiber useful for such applications as leisure wear, underwear, bedding, housedress, socks and supporters, is obtained by including one or more kinds of inorganic particles containing a metal and/or its ion ≥0.3 Kcal/m2.s.°C in thermal conductivity (pref. silver, copper, palladium or magnesium) thereby having thermic ray radiation character.

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